

WHAT IS CLAIMED IS:

1. A computer system for allowing at least two client processes to access data through a server process, said server processing comprising an application and a engine, wherein the engine is adapted to receive requests in a first language from one of client processes and
5 issue responses in the first language to said one of client processes, and the engine is adapted to communicate with the application in a second language distinct from the first language, the second language being an object-oriented language, with objects having properties and associated with events; and the application is adapted to instantiate objects, to evaluate properties of instantiated objects
10 based on data and to react to events; and wherein the engine is adapted to issue responses in the first language to said one of client processes according to the objects instantiated by the application and to their properties; and the engine is adapted to provide updated properties and events to the application in the second language according to requests received in the first language from said one of
15 client processes.
2. The system of claim 1, wherein:
the engine is further adapted to receive requests in the first language from another client process and issue responses in the first language to said another client process;
the engine is adapted to issue responses in the first language to said another client process
20 according to the objects instantiated by the application and to their properties; and the engine is adapted to provide updated properties and events to the application in the second language according to requests received in the first language from said another client process.

3. The system of claim 2, wherein a client process communicates with the engine of the server process through an application process, said application process comprising:
a second engine adapted to communicate with the client process;
a second application adapted to communicate with the second engine; and
5 a client interface adapted to communicate with the engine in the first language and adapted to communicate with the second application and / or with the second engine.
4. The system of claim 1, wherein
the engine is further adapted to receive requests in a third language from another client
process and issue responses in the third language to said another client process, the third
10 language being different from the first language and distinct from the second language;
the engine is adapted to issue responses in the third language to said another client process
according to the objects instantiated by the application and to their properties; and
the engine is adapted to provide updated properties and events to the application in the
second language according to requests received in the third language from said another
15 client process.
5. The system of claim 4, wherein the engine is provided with a first renderer for
communicating with said client process in said first language and with a second renderer for
communicating with said another client process in said third language.
6. The system of claim 4, wherein a client process communicates with the engine of the server
20 process through an application process, said application process comprising:
a second engine adapted to communicate with the client process;
a second application adapted to communicate with the second engine; and
a client interface adapted to communicate with the engine in the first language and adapted to
communicate with the second application and / or with the second engine.

7. The system of claim 2, wherein
the engine is further adapted to receive requests in a third language from another client
process and issue responses in the third language to said another client process, the third
language being different from the first language and distinct from the second language;
5 the engine is adapted to issue responses in the third language to said another client process
according to the objects instantiated by the application and to their properties;
the engine is adapted to provide updated properties and events to the application in the
second language according to requests received in the third language from said another
client process.
- 10 8. The system of claim 7, wherein the engine is provided with a first renderer for
communicating with said client process in said first language and with a second renderer for
communicating with said another client process in said third language.
9. The system of claim 7, wherein a client process communicates with the engine of the server
process through an application process, said application process comprising:
15 a second engine adapted to communicate with the client process;
a second application adapted to communicate with the second engine; and
a client interface adapted to communicate with the engine in the first language and also
adapted to communicate with the second application and or with the second engine.
- 20 10. The system of claim 1, wherein a client process communicates with the engine of the server
process through an application process, said application process comprising :
a second engine adapted to communicate with the client process;
a second application adapted to communicate with the second engine; and
a client interface adapted to communicate with the engine in the first language and adapted to
communicate with the second application and / or with the second engine.

11. The system of claim 1, wherein the first language includes html.

12. A engine for serving clients processes and allow the clients processes to access to data managed by an application, the engine comprising:

a first renderer adapted to receive requests from a client process in a first language and to
5 issue responses in the first language;

a second renderer adapted to receive requests from a client process in a third language and to
issue responses in the third language, the third language being different from the first
language;

an application interface adapted to issue and receive messages in a second language, distinct
10 from the first language and from the third language, the second language being an object-
oriented language, with objects having properties and associated with events;

wherein the engine is adapted to issue responses in the first language through the first
renderer and responses in the third language through the second renderer according to the
objects and properties contained in the messages received on the application interface;

15 and wherein the engine is adapted to issue through the application interface messages with
updated properties and events according to requests received by the first and second
renders.

13. The engine of claim 12, wherein the first language includes html.